

IMAGE DISPLAY DEVICE, PIXEL DRIVE METHOD, AND SCAN LINE DRIVE CIRCUIT

Abstract

To supply selection signals to multiplexed pixels efficiently. For a period from time t0 to time t2, first, during a period from time t0 to time t1, a pixel electrode A11 is driven by selecting scan lines Gn+1 and Gn+2, and next, during a period from time t1 to time t2, a pixel electrode B11 is driven by selecting only the scan line Gn+1. Moreover, during the period from time t1 to time t2, scan lines Gn+3 and Gn+4 are also selected, and thus a pixel electrode A12 is driven. After time t2, at least one of the scan lines Gn+3 and Gn+4 is not selected before the pixel electrode A12 is driven by selecting both of the scan lines Gn+3 and Gn+4 during a period from time t4 to time t5. Accordingly, the pixel electrode A12 can be preliminarily charged during the period from time t1 to time t2 and can maintain a potential preliminarily applied thereto until the pixel electrode A12 is driven during the period from time t4 to time t5.